# REPORT OF THE SIXTH MEETING OF THE IHO CAPACITY BUILDING COMMITTEE IHB, Monaco, 27-29 May 2008

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# REPORT OF THE SIXTH MEETING OF THE IHO CAPACITY BUILDING COMMITTEE

IHB, Monaco, 27-29 May 2008

The Sixth meeting of the IHO CBC was held at the International Hydrographic Bureau, Monaco, from 27 to 29 May, under the chairmanship of Capt. Hugo Gorziglia (IHB Director). The representatives from Mexico and South Africa apologised for not being able to attend. The Chairman also regretted the absence of the representative from Mozambique.

The List of CBC participants is provided in Annex 1. It is to be highlighted that several participants also represented their Regional Hydrographic Commissions.

# 1. Opening and Welcome

Captain Gorziglia, IHB Director and Chairman of the IHO Capacity Building Committee invited Vice-Admiral Maratos, President of the IHB Directing Committee to address the Committee. He welcomed the participants, stressing the importance of Capacity Building within the framework of Regulation 9 of IMO SOLAS V. The Chairman also invited Capt. Ward, IHB Director to address the participants. Capt. Ward also welcomed the representatives and stressed the relationship between the maintenance of technical programmes and Capacity Building.

The Chairman opened the Meeting and noted and welcomed the new members who were present: Mr. Kikuchi (Japan), Mr. Slosvik (Norway), Mr. Smith (UK) and two observers, Mr. Ramadoron (Madagascar) and Mr. Travin (IOC).

The Chairman provided a general overview of the activities undertaken since the last meeting, and highlighted the increased activity on the part of Regional Hydrographic Commissions submitting projects for consideration by the CBC.

## 2. Approval of the Agenda and Timetable

The Chairman introduced the Draft Agenda (Doc. CBC6-01), the Timetable (Doc. CBC6-03) and the List of Documents of the meeting (Doc. CBC6-04). These items were approved by the Committee with some minor amendments.

## 3. Minutes of the Fifth Meeting

The CBC Secretary proceeded to review the minutes of the past meeting and the Report of the Fifth CBC Meeting was approved without any change.

## 4. Review of the List of Actions from the Fifth Meeting

The Chairman, Members and Secretary of the CBC reviewed the actions agreed at the last meeting (Doc.CBC5-5, Annex 1), and reported on the accomplishment of or progress made on, the items under their responsibility.

The following comments should be highlighted:

- -The thanks expressed by the French H.O. to the CBC for the letter written to the EAHC Chairman reporting on the availability of historical data of reefs and islands of the South China Sea.
- The completion of the action by Australia concerning the document "Guidelines for submission of projects to Funding Agencies". The Australian representative considered that the commitment on this topic was completed and that the document did not require any further input. The document is available from the IHO Web page and other members of the CBC might consider any further development, if applicable.
- The observer from IOC reported that his organization will hold a Workshop for managers about the procedures to be followed to obtain funds from international funding agencies. He also agreed that communications with the Ministries of Foreign Affairs of the countries involved in a potential project, together with the respective Embassies, are essential to develop any joint project.
- Other CBC members spoke about their experience in joint projects, such as COAST MAP and the "West Indian Marine Highway"

# 5. Chairman Report (Doc. CBC6-07)

The Chairman provided a general overview of the activities undertaken since the last meeting.

## **5.1 General IHO CB Activities. (Doc. CBC6-07 Annex A)**

The Chairman reported on matters related to Capacity Building not under the CB Work Program that have been dealt with by the IHO and particularly by the IHB. He mentioned the joint activities carried out with IMO and IOC, in particular those of the new Joint Committee on Capacity Building formed by the three organizations and the meeting held in March 2008 with the IMO officers responsible for Technical Cooperation. Following this meeting, the IHB is cooperating with IMO on the development of a Course in Hydrography for the Caribbean countries and a Seminar on Hydrography for the South Pacific region.

The Chairman noted that letters have been sent to the Chairmen of the SWPHC and MACHC informing them of these events.

International cooperation has also continued with the IHO involvement in projects such as the IOC COAST MAP, the Marine Electronic Highway for the Malacca and Singapore Straits and the MBSHC Black and Azov Seas Working Group.

## 5.2 World Hydrography Day. (Doc. CBC6-07 Annex B)

The Chairman mentioned the actions taken to prepare the 2008 WHD celebrations and the CBC's contribution with a Press Release and several posters highlighting the importance of Capacity Building within the IHO. The posters are available from the IHO web page.

# 5.3 S-55 Progress. (Doc. CBC6-07 Annex C)

Information was provided on those countries which have recently updated their information for that IHO publication.

The SEPHC representative commented on the use that his region makes of this publication and the President of the IHB D.C. mentioned IMO's involvement in its world wide dissemination.

# **5.4 Capacity Building Fund. (Doc. CBC6-07 Annex D)**

The Chairman reported in detail on the income and expenditures related to the CB Fund and noted that it was able to satisfy the demands received. He thanked the Republic of Korea for the annual contribution of 100,000 USD \$ to the fund.

# 6. 2007 CB WP. Executed and Pending Activities. (Doc. CBC6-08)

The activities achieved since the last CBC Meeting were reviewed by the Committee. Emphasis was made on the outcome of technical visits, technical workshops, and support provided to attend courses. The following items were tabled:

**6.1 Technical Visits** – <u>Suriname (5-6 December 2007)</u> – Undertaken by the IHB representative, the CBC noted the importance of this visit in the process of reinstatement of this country to full membership of the IHO.

# **6.2. Technical Workshops:**

- <u>Technical Workshop on Development of Standard Operational Procedures for Multibeam Hydrographic Surveys</u>, held in Cartagena, Colombia for SEPHC, MACHC and SWAtHC regions (September 2007)
  - The CBC acknowledged the joint effort of DIMAR (Colombia) and NAVOCEANO (USA) in the organization and the success of this event.
- <u>Technical workshop on Fluvial Hydrographic Survey</u> held in Iquitos, Peru (November 2007)
  - The high number of participants in this Workshop, outstandingly organized by the Peruvian Hydrographic Office, was highlighted.
- <u>Technical workshop on Phase 1 Capacity</u> held in Jeddah, Saudi Arabia for NIOHC countries (November 2007)
  - This Seminar was strongly supported by PERSGA, which offered its premises and its coordination to bring together the countries in the region to participate in the event.

#### 6.3. Courses:

- MSI Training Course held in Jamaica for MACHC countries;
   The CBC took note of the broad participation of the countries in the region in this first
  - edition of the Course. The hard work of the CRPNW Team and the strong support provided by UK and USA were very much appreciated.
- MSI Course held in Maputo, Mozambique, for SAIHC countries

The CBC again thanked all those involved in this second MSI Course. The possibility of providing this course in a language other than English, or with simultaneous interpretation couldn't be considered.

 Multibeam Course provided by Ocean Group, supported by the CB Fund for BSHC, MBSHC, EAHC and NIOHC countries.

The CBC gave credit to the good theoretic level of this Course and commented that selected students must have a good level in mathematics and physics to get the maximum benefit from the training.

In general, the results of those Workshops and Courses were considered to be most satisfactory, although the CBC regretted lack of feedback from some of them. It was decided to remind the authorities organizing events supported by the Committee, to provide formal reports of the results and achievements to the CBC. This information was found to be a key element for future CBC decisions with regard to similar initiatives. The CBC is willing to explore the real effect of these CB efforts.

## 6.4. Pending 2007 activities:

- <u>Technical visits (Eritrea, Kuwait, Egypt, Honduras, Dominican Republic)</u>
  The CBC noted that these activities had not progressed mainly due to a lack of follow-up. Due to the lack of updated information from the involved countries concerned by these visits, it was agreed to postpone them until an official request is received by the CBC.
- <u>Support to the development of the Gulf of Honduras Project.</u>
  Information on the Gulf of Honduras support was provided and an updated request for support from the CBC Fund was approved and included in the 2008 Work Programme.

# 7. Management Plan (Doc. CBC6-10)

The CBC Management Plan (Doc. CBC6-10) was updated by the Committee, who examined the submissions received from the Regional Hydrographic Commissions and other IHO bodies concerning their projects and requests for support to implement their capacity building initiatives (Doc.CBC5-09). The submissions came from the following Regional Hydrographic Commissions: EAHC, MBSHC, MACHC, SAIHC, SWATHC, SWPHC.

A submission sponsored by France and Norway concerning the development of hydrography in Madagascar was also considered by the Committee, as well as a submission from Mozambique.

The updated Management Plan is provided in Annex 3.

A new category "Dormant" was agreed for projects for which no sufficient information has been received but that, however, should remain in the Management Plan. Such projects would remain in this category until the CBC receives the adequate information or definitely deleted from the Plan, after a period of six months.

The Committee considered it useful to have detailed feedback of the results of the projects undertaken and therefore decided to ask all beneficiary countries from 2007 onwards to send a report to the CBC detailing the results, findings and any other relevant comment.

The Committee also stressed the importance of having detailed information about each submission. The guidelines drafted in the CBC Procedures (see next item) should be clear enough to facilitate the RHCs correct submission of projects.

During the examination of the submissions, some earlier Committee decisions, such as not funding purchase of equipment, fees of long courses or attendance to meetings of the organization, were reiterated.

## 8. CBC Procedures.

At the 5<sup>th</sup> Meeting, the CBC tasked its members to develop during the intersessional period five procedures for submission and examination of projects for support from the Committee. The break-down of the Procedures was as follows:

- PROC 1 "Procedure and model for submitting a request for support to the CBC".
- PROC 2 "Procedure to be followed by RHCs before submitting requests for support to the CBC"
- PROC 3 "Review process to be followed by the IHB, prior to including the request in the Draft Management Plan".
- PROC 4 "CBC evaluation procedure of submissions made by RHCs".
- PROC 5 "Procedure for performance assessment". This includes the study and development of the existing Tables of Performance Indicators discussed.

The Committee examined in detail the texts proposed and approved the proposals for Procedures 1, 2 and 3. Proposals 4 and 5 will be further re-drafted by the group concerned. The job should be completed by 1<sup>st</sup> July and the whole document circulated to all CBC members.

## 9. Updated Work Programme 2008 and Agreed Work Programme 2009

In accordance with the updated Management Plan, the Chairman proposed the necessary adjustment to the CBC Work Programme 2008 and to the Draft Work Programme for 2009. These documents are provided in Annexes 4 and 5. The CBWP 2009 will be incorporated into the 2009 IHO Work Programme.

# 10. Report on study made regarding Decision 17 of the 16<sup>th</sup> IH Conference.

The Chairman noted that the proposed text to be added to IHO Resolution T 1.3. had generally been approved by RHCs (Doc. CBC6-14). The Committee made some minor amendments to the text, in order to consider the comments received. The final text is provided in Annex 6. The text will be circulated to the IHO Member States for approval following the procedures in force.

## 11. Any other business

The Chairman reminded the Committee that, from 1<sup>st</sup> January 2009, a new IHO structure will enter into force, the CBC becoming the Subcommittee on Capacity Building, reporting to the

Inter-Regional Cooperation Committee (IRCC). He requested the Committee members to give consideration to the nomination of a new CBC Chairman at the CBC7. The newly elected CBC Chairman should be prepared to attend the first meeting of the IRCC, which will be held immediately after the closure of the 4<sup>th</sup> Extraordinary IH Conference. The CBC Chairman is a member of the IRCC.

The Australian representative said he would be unable to attend future CBC meetings, unless they were held in a region close to his country and encouraged the IHB to progress in the study of alternative methods, such as Video Conferences or similar procedures.

# 12. Date and place of the 7<sup>th</sup> Meeting

The CBC was informed of an offer made by South Africa to host the CBC7 should no other offer be made.

The representative of the Republic of Korea confirmed the invitation made at the CBC5, and the Committee agreed to hold the 7<sup>th</sup> meeting in Seoul from 11 to 13 May 2009, keeping South Africa as an alternative. A letter will be written to the Republic of Korea thanking them for the confirmation of their invitation and to South Africa for its offer.

# 12. List of Actions with deadlines and assigned lead

An Action List (Doc. CBC6-15) based on the discussions held during the meeting was prepared and agreed by the CBC members.

#### 13. Closure

The Chairman adjourned the meeting at 1245 on 29 May 2008.

# ANNEX 1. LIST OF PARTICIPANTS

# **CBC MEMBERS**

Coverteer	Name	E-mail
Country	Name	
IHB	Capt. H . GORZIGLIA	hgorziglia@ihb.mc
	Chairman	
LATVIA	Mr. J. KRASTINS	janis.krastins@lhd.lv
	Vice-Chairman	
IHB	Capt. F. BERMEJO	fbermejo@ihb.mc
	Secretary	
AUSTRALIA	Cdre R. NAIRN	international.relations@hydro.gov.au
AUSTRALIA	Cuic K. IVAIKIV	international.relations@ffydro.gov.au
DD 47711	C . W.CAWALLEIDO	1 11 1 0 11 11
BRAZIL	Capt. W.CAVALHEIRO	wesley.cavalheiro@dhn.mar.mil.br
(representing also		
SWATHC and		
MACHC)		
CHILE	Lt. Cdr.E. SILVA	esilva@shoa.cl
(representing also		
SEPHC)		
FRANCE	I.G.A. J. LAPORTE	jlaporte@shom.fr
IMITOL	I.G.I. V. E.II GICIE	Japorto e snom.n
GERMANY	Mr. T. DEHLING	thomas.dehling@bsh.de
GERMANI	MI. I. DEILLING	thomas.denning@bsn.de
TNIDIA	C . A W DADIMAD	
INDIA	Capt. V. BADHWAR	inho@dataone.in
(representing also		
NIOHC)		
JAPAN	Mr. S. KIKUCHI	kikuchi@jha.jp
NORWAY	Mr. K. GJERSTAD	Knut.Gjerstad@statkart.no
	Mr. N. SLOTSVIK	Noralf.Slotsvik@statkart.no
REPUBLIC OF	Mr. J.S KIM	info@nori.go.kr
	IVII. J.S IXIIVI	mio w nori, go.ki
KOREA	C1 D COMPANY	
USA	Cdr. B. CONNON	brian.connon@navy.mil
UK	Mr. C. SMITH	internationalrelations.ukho@ukho.gov.uk
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# **OBSERVERS**

IOC	Mr. D. TRAVIN	d.travin@unesco.org
MADAGASCAR	Mr. H.B. RAMAROSON	ftm@wanadoo.mg ramarosonhba@yahoo.fr

# ANNEX 2 ACTION LIST

1. Letter to the Republic of Korea, thanking them for re-confirming their invitation to host the next CBC Meeting. Letter to South Africa thanking their	Chairman - 30 June
offer to host CBC7.	
2. Distribution of Minutes to the CBC Members, including Management Plan	Secretary – 2 June
3. Comments from Members	Secretary – 10 July
4. Issue of Final Report CBC6	Secretary – 15 August
5. Letter to the RHCs communicating the decisions on projects submitted	Chairman - 30 June
6. Letter to the SAIHC Chairman on the decision about the Project of Madagascar	Chairman - 15 June
7. a) Include time for Regional Reports in the Agenda of the future CBC Meetings	Secretary
b) CBC Members to consider providing reports on CB activities in their region at	All CBC Members
all CB Meeting	
8. Request Reports to all beneficiary RHC/countries about the results of the	Chairman - 30 June
projects supported by the IHO CB Fund in 2007. Provide a draft format to be	
filled.	
9. Finalize Procedures CBC:	
a) Proc 1: "Procedure and model for submitting a request for support to the CBC". To improve the text as agreed, including flow chart and circulate to all CBC members for final approval.	Chairman - 15 June
b) Proc 2: "Procedure to be followed by RHCs before submitting requests for support to the CBC". To consider explanation notes and improvement of flow chart and circulate to all CBC members for final approval	Connon - 15 June
c) <u>Proc 3:</u> "Review process to be followed by the IHB, prior to including the request in the <u>Draft Management Plan</u> ". To improve the text and add a flow chart. Circulate to all CBC members for final approval	Chairman - 15 June
d) Proc. 4: "CBC evaluation procedure of submissions presented by RHCs".  Produce a simplified text and circulate to all CBC members for final approval	Connon, Laporte, Nairn, Smith - 1st July
e) <u>Proc. 5 "Procedure for performance assessment".</u> To finalize the text and circulate it to all CBC members for final approval (trial, examples etc etc )	Krastins, Dehling - 30 July
f) To circulate the text of Procedures 1 and 2 to all RHC for their application, indicating the main concepts that the CBC will apply when evaluating submissions (based on the concepts identified in Proc 5)	Chairman 30 August
g) All the Procedures should be in force.	01 October
10. Future submissions to be posted in the CBC page of the IHO web site as they	Secretary
are received for early information of the CBC Members.	HID Countries
11. To issue an IHB Circular Letter for IHO Member States voting concerning the	IHB Secretariat
amendment of IHO resolution T 1.3. (XVII IHC Decision 17)	
12.	Chairman 20 I
a) To send a letter of thanks to IOC for the travel support offered to countries in	Chairman - 30 June
the NIO Project to attend the Multi-beam course to be held in Goa. b) To inform countries indicated by the IOC about the support offered by IOC to	Secretary - 30 June
attend the MB course in Goa.	Secretary - 30 June
attend the MD course in Goa.	

# ANNEX 3 CBC MANAGEMENT PLAN UPDATED

(see CBC Web page)

# ANNEX 4 CAPACITY BUILDING WORK PROGRAMME 2008 Approved at the CBC5 and updated at the CBC6

# **Program 2 Capacity Building**

# **Element 2.1 Capacity Building Management**

		Finances	Responsible
<b>Task 2.1.1</b>	IHO Capacity Building Committee (IHOCBC)	IHO	Chair
	The 6 <sup>th</sup> Meeting to take place at the IHB in Monaco 27/29May 2008.	budget	
Task 2.1.2	Capacity Building Fund (CBFund)	None	Chair
	Contribute to the IHB in the Administration of the Fund, report after the 6 <sup>th</sup> CBC Meeting to IHB on outcome.		Vice Chair
<b>Task 2.1.3</b>	Meetings with other organizations, funding agencies,	IHO	Chair
	private sector and academia.	budget	
	To define institutions to be visited.		
Task 2.1.4	IHO Capacity Building Strategy.	None	Vice Chair with a
	Review the IHO CB Strategy and update it as required		task team
Task 2.1.5	Capacity Building Work Program (CBWP).	None	All
	Review and update the 2008 WP and develop and propose 2009 WP		
	during CBC6 Meeting.		
Task 2.1.6	Follow-up of CB activities and initiatives.	None	All
	Control CB WP and study and establish a procedure to assess the		
	benefit of such activities and initiatives		

**Element 2.2 Capacity Building Assessment** 

		Euros	Responsible
Task 2.2.1	Technical and Advisory Visits.  General Support to be provided by IHB (Cuba and Bahrain)	IHO budget	IHB + Chairs
		20.000	Chair RHC**
	SWPHC (Technical Visit to PNG and Fiji( + advice on digital chart production to Fiji))  SAIHC (Advisory Visits to Angola, Malawi(DONE) and Namibia)  EAtHC (Assessment to Guinea Bissau to be confirmed by EAtHC)  MBSHC (Technical visit to Albania(DONE), Lebanon, Malta and Romania)	9.000 7.500 7.500	Chair RHC* Chair RHC** Chair RHC*
Task 2.2.2	S-55 Status of Hydrographic Surveying and Nautical	None	Chair + IHB
	Charting Worldwide Continue efforts to complete S-55 and to keep data updated.		
Task 2.2.3	Assessment procedures.  To establish procedures for assessing hydrographic, cartographic and safety of navigation status.	None	VC + task team

**Element 2.3 Capacity Building Provision** 

		Euros	Responsible
Task 2.3.1	Raise Awareness on the Importance of Hydrography.	None	All
	Support this general IHO task when ever technical visits are conducted.		
<b>Task 2.3.2</b>	Technical Workshops, Seminars, Short Courses.		
	Support for General Organization	IHO	IHB + Chair
	- MSI Technical Training Course (MBSHC(DONE) and NIOHC)	budget 20.000	RHC Chairs*

	<ul> <li>- MB Course in Brazil (MACHC)</li> <li>- Regional Data Exchange Workshop (SEPHC)</li> <li>- ENC Production Course (MACHC) HydroSurvey Course/Charts/ENC</li> </ul>	12.000 10.000 16.000	RHC Chair/Brazil* RHC Chair RHC Chair +
	<ul> <li>Workshop on Port and Shallow Water surveys, S-44 (RSAHC)</li> <li>Technical support in developing regional hidro-cartographic plan (SWAtHC DONE)</li> </ul>	10.000 0.000	Venezuela**** RHC Chair** DONE
	<ul> <li>Conduct of Basic Practical Hydrographic Survey Course (EAtHC)</li> <li>Regional Survey Team operations in Seychelles area (NIOHC)</li> <li>Support to attend course Cat A and Cat B. Bangladesh (2/2); Myanmar</li> </ul>	15.000 30.000 6.800	RHC Chair** RHC Chair** RHC Chair**
	<ul> <li>(2/2); Saudi Arabia (2/2); Seychelles (1/1); Sri Lanka (1/2) (NIOHC)</li> <li>Support to Oman for on the job training on ENC in Pakistan (NIOHC)</li> <li>Support for one person to attend technical workshop in India on MBES (NIOHC) considered through Indian Course</li> </ul>	6.000 0.000	RHC Chair** Included in MB Course India **
	<ul> <li>Support 9 students fee and accommodation for QA course on MBES hydrographic surveying and post processing (EAHC)</li> <li>Support 9 student fee and accommodation for QA course on ENC Production (EAHC)</li> </ul>	12.500 8.700	RHC Chair *  RHC Chair*
	New Introduced Activities a) Multibeam Course in GOA, INDIA , Nov.2008	36.000	IHB in conjunction
	b) Golf of Honduras Projects (carried from 2007) (MACHC) c) Technical workshop on ENC/ECDIS *in conjunction with 3 <sup>rd</sup> RSAHC October 2008 (pending from 2007)	9.267 6.500	with India HO * RHC Chair* IHB/ RHC Chair *
	d) Refresher Course on Survey Practices (1 week course@ RCMRD, Nairobi) (SAIHC)	18.000	RHC Chair *
	e) Briefing to Governing Council of Regional Centre For Mapping of Resources for Development (RCMRD) & Council of Ministers (SAIHC)	3.000	IHB/ RHC *
	f) ENC QA Workshop with e-navigation basics (SWATHC) g) Cartographic production training for Mozambique h) Bridging advance Preparation of Project (SAIHC, Madagascar)	7.200 4.300 18.000	RHC Chair* RHC Chair* RHC Chair ***
Task 2.3.3	Hydrographic and Nautical Cartography Courses. Contribute with the IAB to the establishment of training facilities and delivery of courses.	None	Chair
Task 2.3.4	On the Job Training (ashore / on board) Investigate on the job training existing opportunities.	None	Chair
	Marine/Maritime Projects. Provide guidance upon request to ensure that marine/maritime projects include a CB component on hydrography, cartography and MSI aspects.	None	Chair
	Bilateral agreements.  To study, develop and propose IHO transition procedures that could be adopted by countries with developing hydrographic capabilities for the provision of hydrographic services in accordance to SOLAS V.	None	VChair + Task team

**Note** (\*) = The CBC is aware that this activity is in progress. No further information is required.

**Note** (\*\*) = The CBC considers these activities as approved, but no feedback has been received. The status of progress is not known.

**Note** (\*\*\*) = Sent to Chairman SAIHC for evaluation and to Madagascar and France for further information and clarification. CBC Members to decide afterwards.

**Note** (\*\*\*\*) = Sent to the Chairman and HO in Venezuela with comments.

Total funds required = 293.267.00 euros. CBFund (29MAY08) = 300.000.00 euros

If all is executed there will be an expected left-over of 6,733 euros to be allocated for the 2009 programme.

# ANNEX 5 AGREED CAPACITY BUILDING WORK PROGRAMME FOR 2009

Program 2 Capacity Building
Element 2.1 Capacity Building Management

		Finances	Responsible
Task 2.1.1	<b>IHO Capacity Building Committee (IHOCBC)</b> The 7 <sup>th</sup> Meeting to take place probably in Seoul, Rep. of Korea May 2009.	IHO budget	Chair
Task 2.1.2	Capacity Building Fund (CBFund) Contribute to the IHB in the Administration of the Fund, report after the 7 <sup>th</sup> CBC Meeting to IHB on outcome.	None	Chair Vice Chair
Task 2.1.3	Meetings with other organizations, funding agencies, private sector and academia.  To define institutions to be visited.	IHO budget	Chair
Task 2.1.4	IHO Capacity Building Strategy. Review the IHO CB Strategy and update it as required	None	Vice Chair with a task team
Task 2.1.5	Capacity Building Work Program (CBWP). Review and update the 2008 WP and develop and propose 2009 WP during CBC6 Meeting.	None	All
Task 2.1.6	Follow-up of CB activities and initiatives. Control CB WP and study and establish a procedure to assess the benefit of such activities and initiatives	None	All

**Element 2.2 Capacity Building Assessment** 

		Euros	Responsible
<b>Task 2.2.1</b>	Technical and Advisory Visits.		
	General Support to be provided by IHB	IHO	IHB + Chairs
	• • •	budget 10.000	Chair RHC*
	*EAHC (Technical Visits)	10.000	Chair RHC*
	*SWPHC (Advisory Visits)	10.000	Chan rate
Task 2.2.2	S-55 Status of Hydrographic Surveying and Nautical	None	Chair + IHB
	Charting Worldwide		
	Continue efforts to complete S-55 and to keep data updated.		
Task 2.2.3	Assessment procedures.	None	VC + task
	To establish procedures for assessing hydrographic, cartographic		team
	and safety of navigation status.		

**Element 2.3 Capacity Building Provision** 

1 0			
	Euros	Responsible	
Raise Awareness on the Importance of Hydrography.	None	All	
Support this general IHO task when ever technical visits are conducted.			
Technical Workshops, Seminars, Short Courses.  Support for General Organization	IHO budget	IHB + Chair	
<ul> <li>Workshop on Port and Shallow Water surveys, S-44 (BSHC)</li> <li>Chart Production and ENC training Course (SWATHC, MACHC</li> </ul>	5.000 20.000	RHC Chairs* RHC Chairs	
and SEPHC),  • Seminar for National Hydrographic Committee Chairmen	30.000	RHC Chairs	

	<ul> <li>(SWPHC and SAIHC)</li> <li>MSI Technical Training Course (RSAHC and EAtHC)</li> <li>Workshop on Regional Survey Team Operations (NIOHC)</li> </ul>	30.000 14.000	RHC Chairs RHC Chair*
	New Activities included:	<b>????</b>	RHC Chair*
	A) Technical Workshop on INT charts and scheming (RSAHC)	55.000	RHC Chair**
	B) 5 week ENC production course, delivered in region by UK in first quarter 2008 (NIOHC)	12.500	RHC Chair**
	C) QA on Multibeam Surveying and Post Processing (EAHC)	8.700	RHC Chair
	D) QA on ENC Production (EAHC)	3.500	RHC Chair
	E) Advice for development of prioritised national survey plan Seychelles ( SAIHC)	30.000	RHC Chair
	F) MBES Course OMG (SWATHC, MACHC and SEPHC)	38.000	RHC Chair
	G) Training (SAIHC, Madagascar) Conditional, depending on the results received from stage 1, if support is approved and additional information to be requested on activities, costs etc.		
Task 2.3.3	Hydrographic and Nautical Cartography Courses.  Contribute with the IAB to the establishment of training facilities and delivery of courses.	None	Chair
Task 2.3.4	On the Job Training (ashore / on board) Investigate on the job training existing opportunities.	None	Chair
Task 2.3.5	Marine/Maritime Projects.  Provide guidance upon request to ensure that marine/maritime projects include a CB component on hydrography, cartography and MSI aspects.	None	Chair
	Bilateral agreements.  To study, develop and propose IHO transition procedures that could be adopted by countries with developing hydrographic capabilities for the provision of hydrographic services in accordance to SOLAS V.  HC Chairman to confirm this activity and provide details	None	VChair + Task team

**Note** (\*)= RHC Chairman to confirm this activity and provide details.

Note (\*\*)= Will be considered by the CBC at a later stage depending on resources available.

**Note** (\*\*\*) =Conditional, Will be considered by he CBC at a later stage, depending on information received and the results received from stage, if support is approved.

105.500 euros

# **RESOURCES:**

2009 CBFund Normal Budget:=70.000 eurosROK Support to CBC (June 2008):=66.000 eurosFrom not budgeted in previous year (2008):=12.733 eurosCBFUND Contribution to the WP 2009=148.733 eurosTOTAL Budgeted for 2009=161.200 eurosDeficit (covered with potential non excecuted activities 2008)=11.467 euros

Activities NOT FUNDED at this time

## ANNEX 6 AMENDMENT TO IHO RESOLUTION T1.3

2 bis.- Where Capacity Building is required in a region, RHCs are recommended to establish an internal body to deal with CB matters and to designate a focal point to ensure continuity in the CB process. This part-time allocation to assist RHCs should come\_primarily and ideally from an HO within the region. If that is not possible then the RHC might agree to request support from another RHC or a HO that might wish to take that responsibility.

These regional contact points, the responsibilities of which should be given directly and in detail by the concerned RHC, shall have the support of the RHCs; shall be nominated having in mind the importance of continuity; shall be in permanent contact with the corresponding RHC Chairman as well as with the CBC Chairman. Ideally should be a CBC member with access to the RHCs meetings.

In the absence of any other viable alternative and despite its limited human resources availability a request of support could be requested to the IHB.